

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Use as many sheets as necessary)</small>				Application Number	10/770,115
				Filing Date	February 2, 2004
				First Named Inventor	Ellingsrud et al.
				Art Unit	2862
				Examiner Name	
Sheet	5	of	5	Attorney Docket Number	1101.111US02
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL [*]	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		Number-Kind Code ² (if known)			
/3C		US-5,689,068	11/1997	Locatelli et al.	
		US-5,563,513	10/1996	Tasei et al.	
		US-H1561	07/1996	Thompson	
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EXAMINER INITIAL [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
/3C		GB 2256715	12/1992		
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		WO 96/06367	02/1996		
		WO 98/28638	07/1998		
		WO 00/00850	01/2000		
EXAMINER SIGNATURE	<i>Bal Lethayay</i>		DATE CONSIDERED	9/14/04	
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		Number-Kind Code ² (<i>if known</i>)			
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		US-6,246,240	06/2001	Vail III	
		US-6,225,806	05/2001	Millar et al.	
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		Country Code ³ Number ⁴ Kind Code ⁵ (<i>if known</i>)			
<i>BC</i>		EP 0087271	08/1983		
		EP 0219234	04/1987		
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		EP 0814349	12/1997		
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		GB 2155182	09/1985		
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		US-4,010,413	03/1977	Daniel		
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		US-3,052,836	09/1962	Postma		
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		US-2,077,707	04/1937	Melton		
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<i>Br</i>		WO 00/13037	03/2000			
		WO 00/13046	03/2000			
		WO 00/63718	10/2000			
		WO 01/55749	08/2001			
EXAMINER SIGNATURE		<i>Barry W. Lynn</i>	DATE CONSIDERED	9/14/04		
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> <p>¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.</p> <p>This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.</p>						

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NON PATENT LITERATURE DOCUMENTS					
EXAMINER INITIAL ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
<i>Bn</i>		<i>Ellingsrud et al., "How Electromagnetic Sounding Technique Could be Coming to Hydrocarbon E & P", 20 First Break (March 2002).</i>			
		<i>Eidesmo et al., "Sea Bed Logging (SBL), a new method for remote and direct identification of hydrocarbon filled layers in deepwater areas", 20 First Break (March 2002).</i>			
		<i>Kaufman et al., "EM Field of an Electric Dipole on the Surface of a Medium Containing a Thin Resistant Layer", Frequency and Transient Soundings, publ. Elsevier, (1983).</i>			
		<i>Kaufman et al., 1981 Annual Meeting Abstracts: Marine EM Prospecting System, 47 Geophysics 431 (1982).</i>			
		<i>Garg et al., "Synthetic Electric Sounding Surveys Over Known Oil Fields", 49 Geophysics 1959-67 (November 1984).</i>			
		<i>Yuan et al., "The Assessment of Marine Gas Hydrates Through Electrical Remote Sounding: Hydrate Without a BSR?", 27 Geophys. Res. Letts. 204-217 (August 15, 2000).</i>			
		<i>Edwards, "On the Resource evaluation of Marine Gas Hydrate Deposits Using Sea-Floor Transient Electric Dipole-Dipole Methods", 62 Geophysics 63-74 (January 1997).</i>			
		<i>Chave et al., "Some Comments on Seabed Propagation of ULF/ELF Electromagnetic Fields", 25 Radio Science 825-36 (September 1990).</i>			
		<i>MacGregor et al., "Use of Marine Controlled-Source Electromagnetic Sounding for Sub-Basalt Exploration", 48 Geophys. Prosp. 1091-1106 (April 2000).</i>			
		<i>MacGregor et al., "Marine Controlled Source Electromagnetic Sounding: Development of a Regularized Inversion for 2-Dimensional Resistivity Structures", 1 LITHOS Science Report 103-109 (April 1999).</i>			
		<i>MacGregor et al., "The RAMESSES Experiment - III. Controlled-Source Electromagnetic Sounding of the Reykjanes Ridge", 135 Geophys. J. Int. 773-89 (July 1998).</i>			
EXAMINER SIGNATURE	<i>Bal Weisz</i>			DATE CONSIDERED	9/14/04
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EXAMINER INITIAL [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		
BL		Sinah et al., "Magmatic Processes at Slow Spreading Ridges: Implications of the RAMESSES Experiment at 57 deg. 45'N on the Mid-Atlantic Ridge," 135 Geophys. J. Int. 731-45 (July 1998).		
BL		Sinah et al., "Evidence for Accumulated Melt Beneath the Slow-Spreading Mid-Atlantic Ridge," 355 Phil. Trans. R. Soc. Lond. A 233-53 (January 1997).		
EXAMINER SIGNATURE	<i>Bob Lettry</i>		DATE CONSIDERED	9/14/04
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